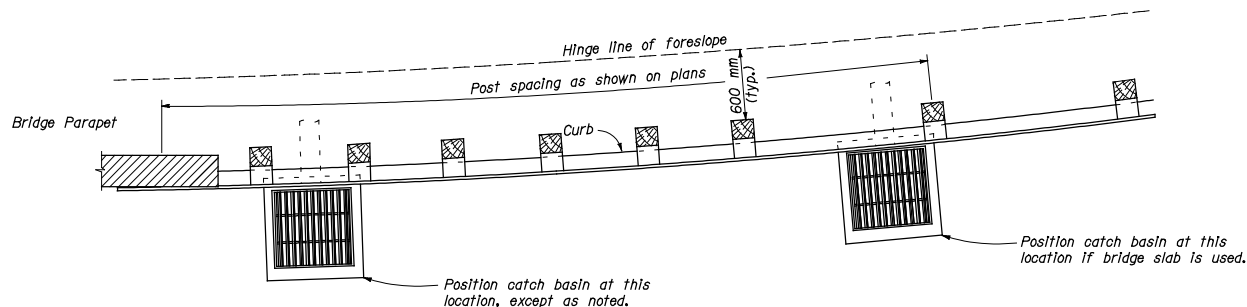


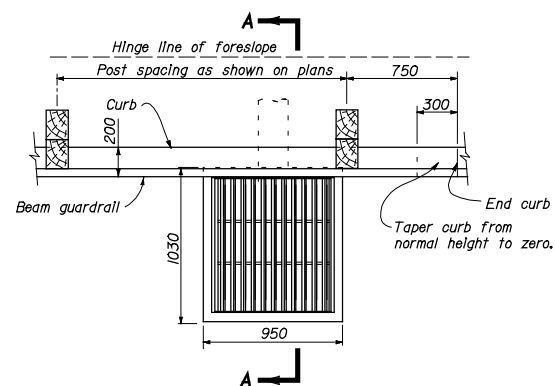
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS



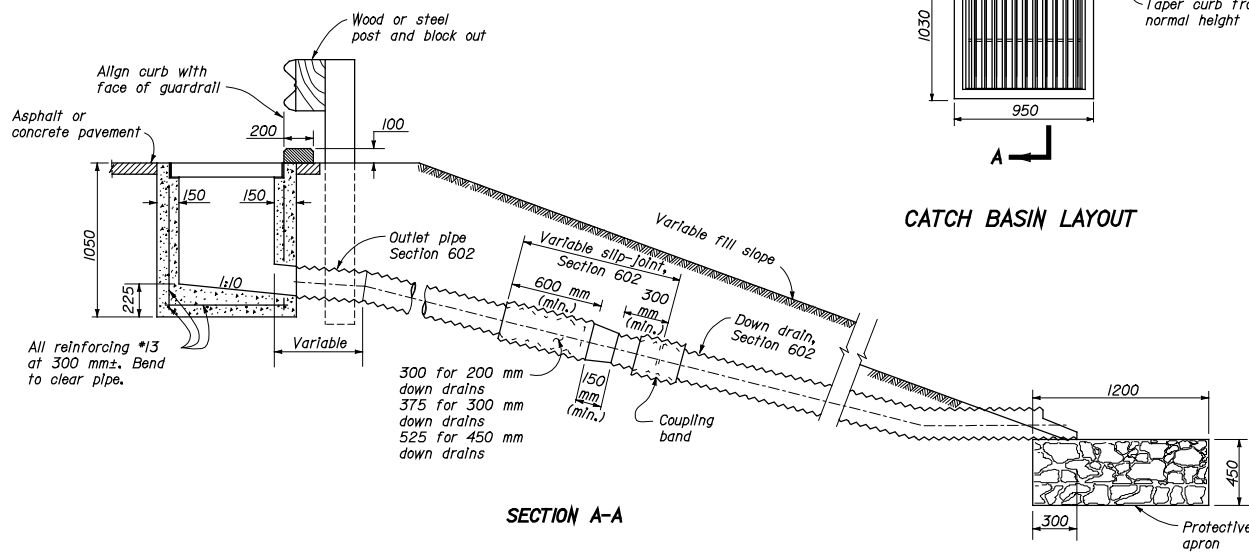
PLAN

CATCH BASIN LAYOUT AT BRIDGE ENDS

TABLE OF QUANTITIES		
DESCRIPTION	FRAME AND GRATE	
	TYPE A	TYPE B
Reinforcing Steel	32 kg	32 kg
Structural Steel	98 kg	108 kg
Concrete	0.6 m ³	0.6 m ³



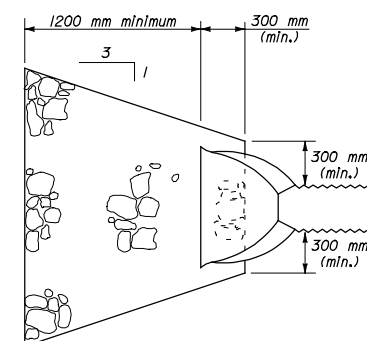
CATCH BASIN LAYOUT



SECTION A-A

NOTE:

1. Dimensions not labeled are in millimeters.
2. CONCRETE: Chamfer exposed edges 20 mm unless otherwise shown. Give all concrete surfaces a Class 1 finish.
3. The minimum concrete cover to the face of any bar is 50 mm unless otherwise shown.
4. See Standard M604-2 for Type A Frame and Grate and Standard M604-3 for Type B Frame and Grate.
5. Make all coupling band connections watertight by placing 5 mm bead of approved caulking under each half of the bands before tightening.
6. Fabricate tapered portion of slip-joint from either flat or corrugated sheets.
7. Place Class 2 riprap conforming to Section 251 for protective apron.



PLAN
PROTECTIVE APRON

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY OFFICE	
METRIC STANDARD	
CATCH BASIN TYPE 2 WITH DOWN DRAIN	
STANDARD APPROVED FOR USE 05/96	STANDARD
REVISED 8/97	M604-4